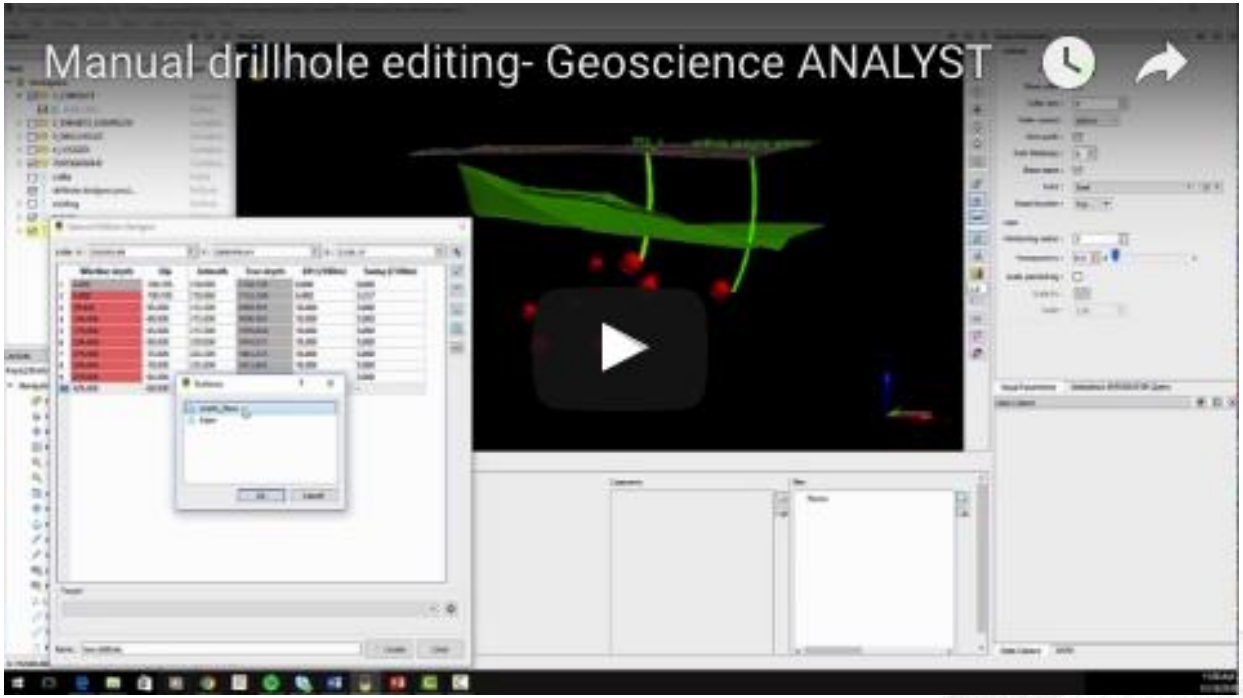
Manually edit your existing drillhole

This video follows-up on last month's introductory tutorial on the 3 methods to design drillholes. We will show you how to manually edit drillhole path, collar location, stations, various parameters and exporting data.



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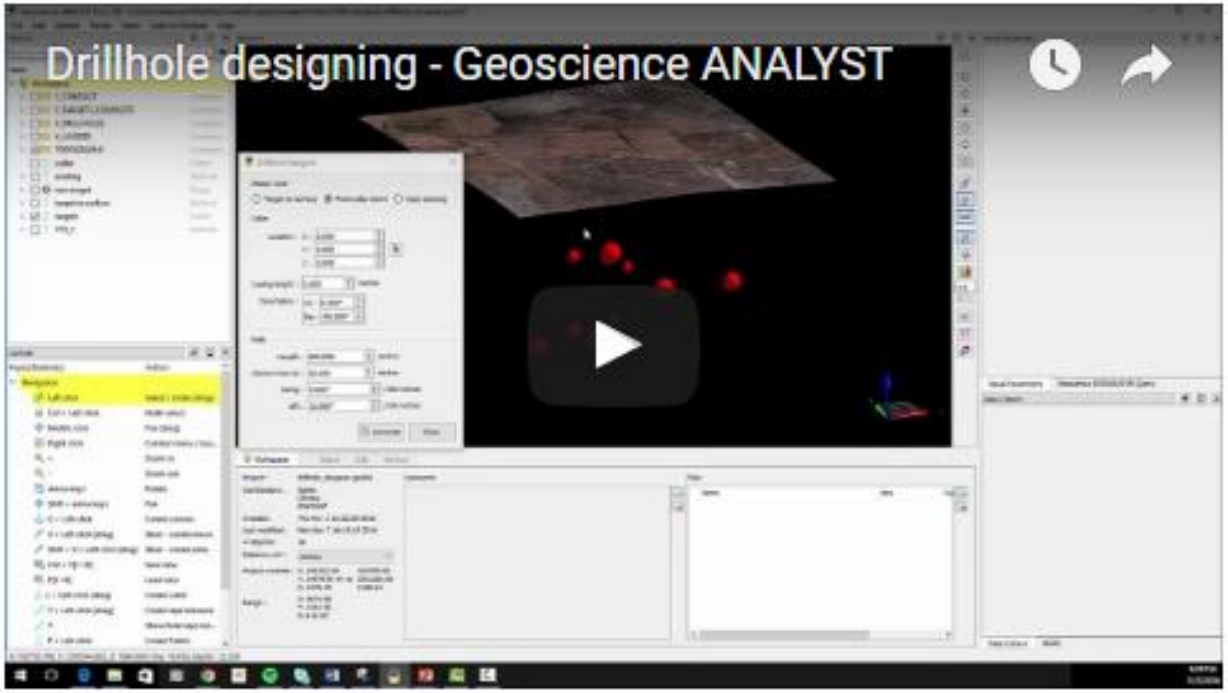
Introduction to the Drillhole Designer module

This video is meant to be an introductory training tutorial on the capabilities and features of the Drillhole Designer. We will show you three drillhole designing methods: from target to surface, collar down and from an existing drillhole.



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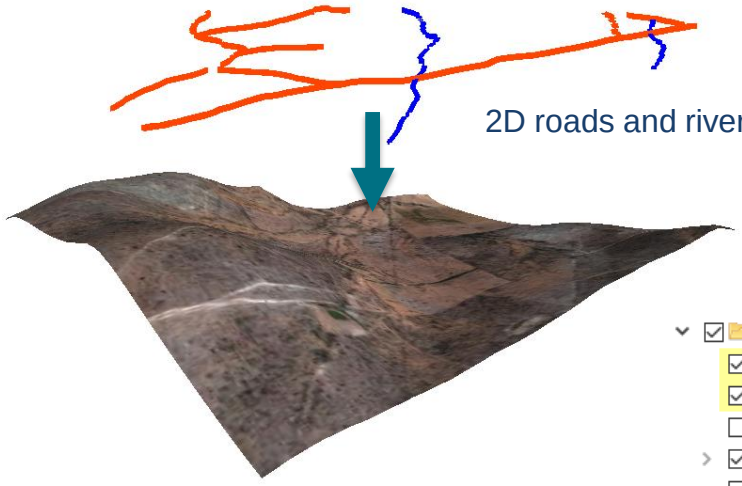
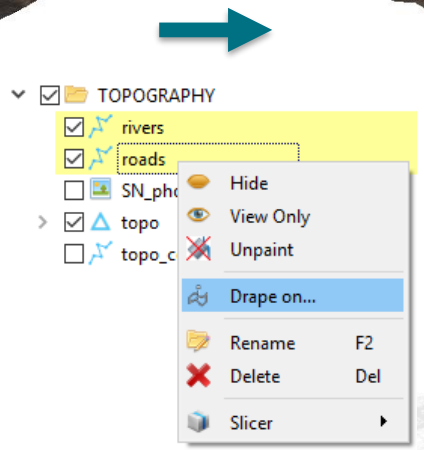
From 2D to 3D: Drape objects onto a surface

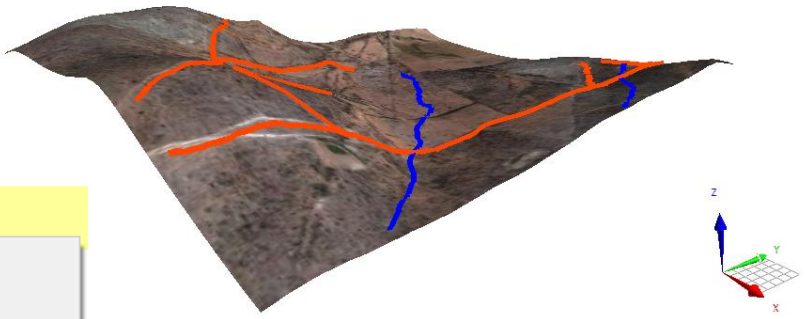
Points, Curves and Surfaces can be projected vertically onto a Surface through the right click contextual menu in the Objects panel or Viewpor.t Select **Drape on…** (the cursor will change to a symbol) and click on the draping surface, such as topography, in the Viewport.



2D roads and rivers



3D georeferenced roads and rivers on topography



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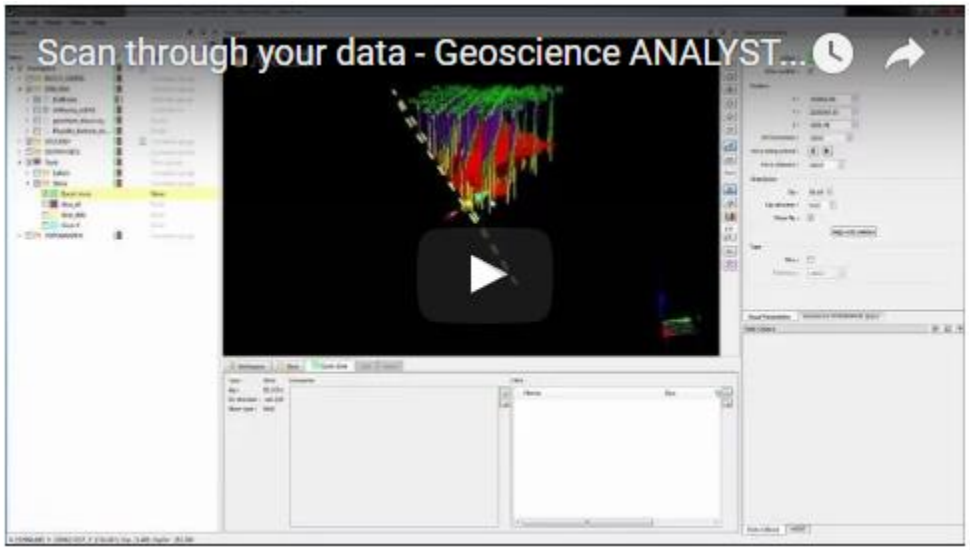
Slicer tool: Scan through your data

This month's video will provide an overview on the various capabilities of the slicer tool; allowing you to cut through your data for a better understanding in 3D space.



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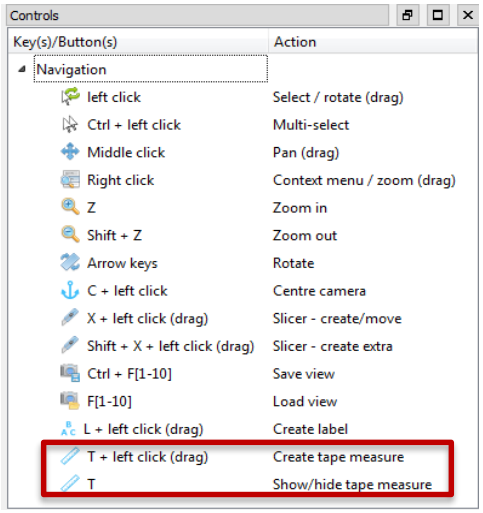
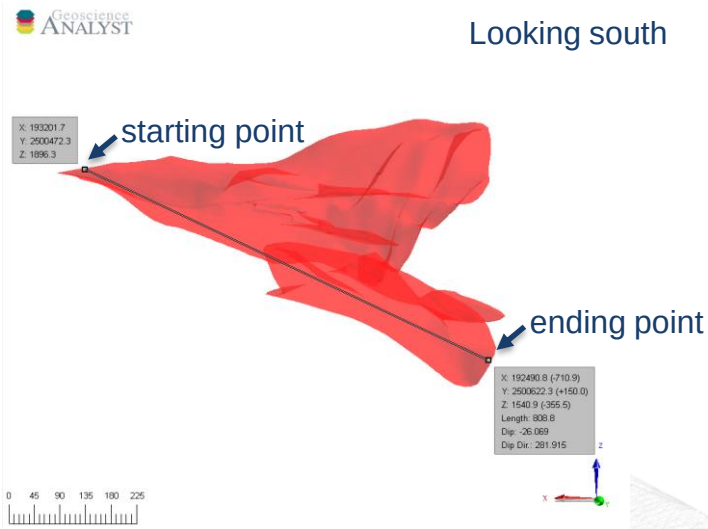
More annotations!

Similar to labels introduced in last month's tip, the **Tape measure** is a quick annotation utility that interactively measures distances in the 3D Viewport. Press the 'T' key, left click and drag to digitize a line and find the distance between two end points. The XYZ coordinates of the starting and end points, cumulative 2D distances, total length, dip and dip direction of the digitized line will be reported.

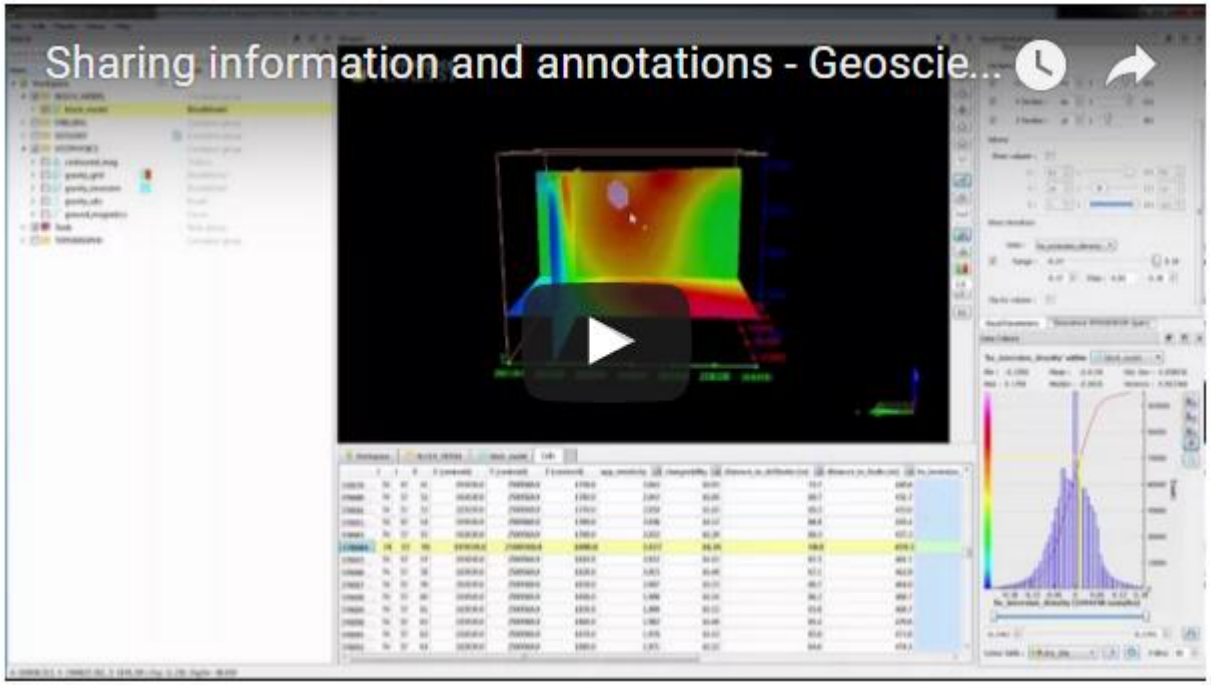




To hide the tape measure at any time, simply press the 'T' key. Press again to show it.

Sharing information and annotations

This video will provide an overview on the various annotation capabilities and sharing information with others.



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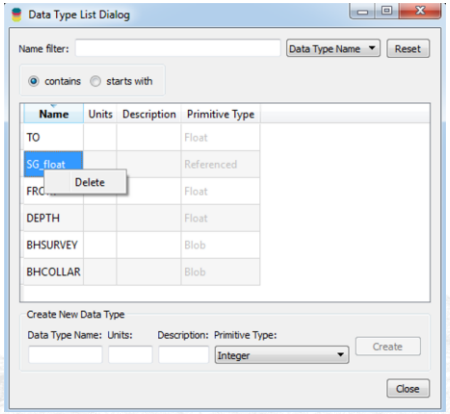
Imported drillhole data from ASCII files

If your drillhole data was assigned to the incorrect data type after using the ASCII importer (*i.e.,* assigned to reference instead of float data type), one of two scenarios may have happened:

1. When importing data that has the same name as an existing reference data type in the workspace, it will automatically be assigned to it.
   - A solution is to rename the column header in the .csv file and re-import to create a new data type.
2. If any non-numeric character is detected, such as < or %, the data will be assigned as reference.
   - A solution is to remove all of the non-numeric characters in the data column in the .csv file, then rename the column header (to avoid scenario 1) and re-import.

If you end-up with unused data types you can delete them from the workspace.

Edit > Date Type List > right-click > Delete



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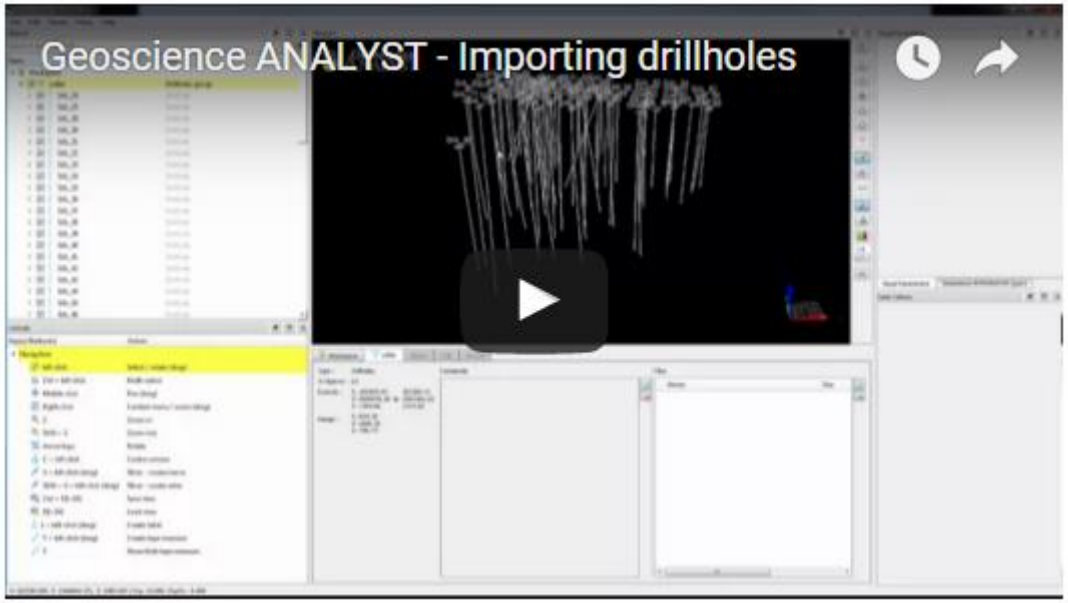
Importing drillholes

This video will provide an overview on two ways to import drillholes (.csv and GOCAD Well files) with some basic instructions on how to tie GOCAD classifications to geology logs.



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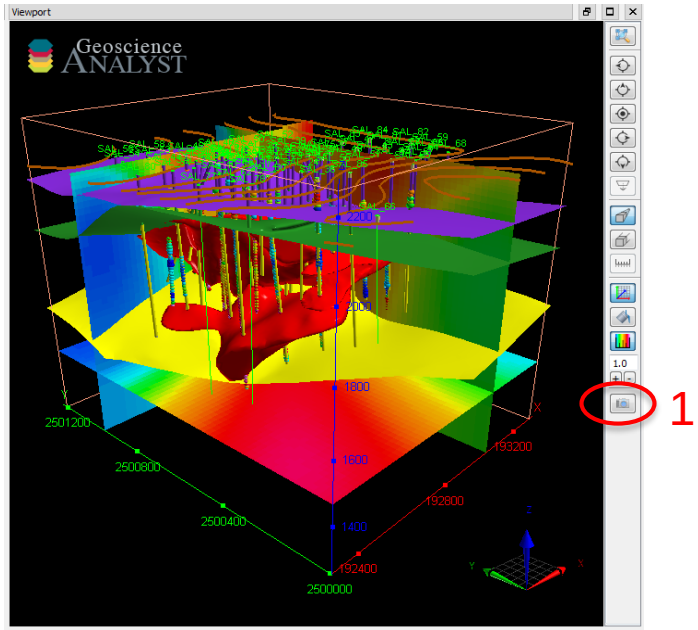
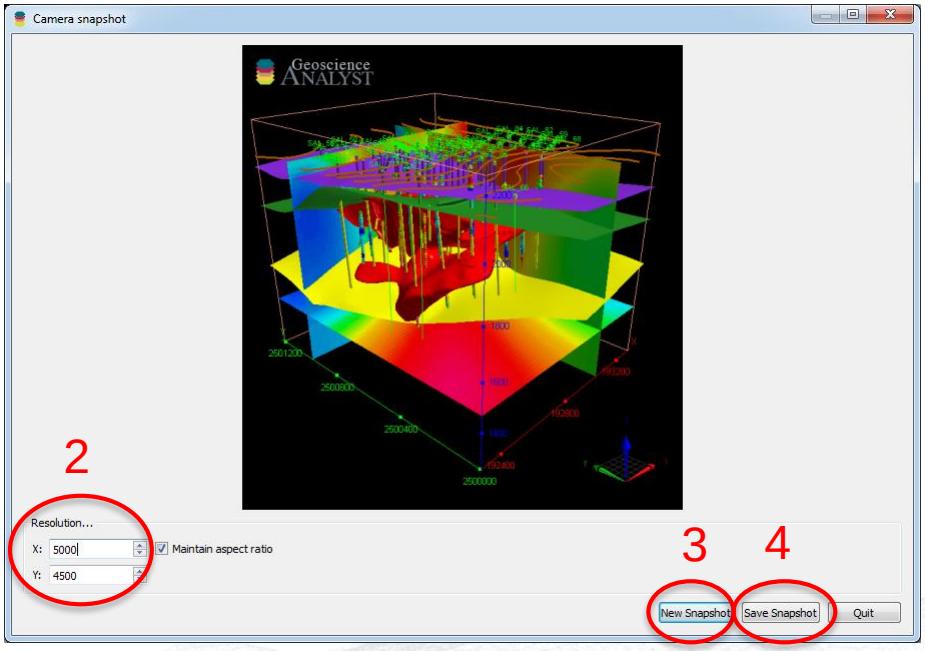
Using the snapshot tool

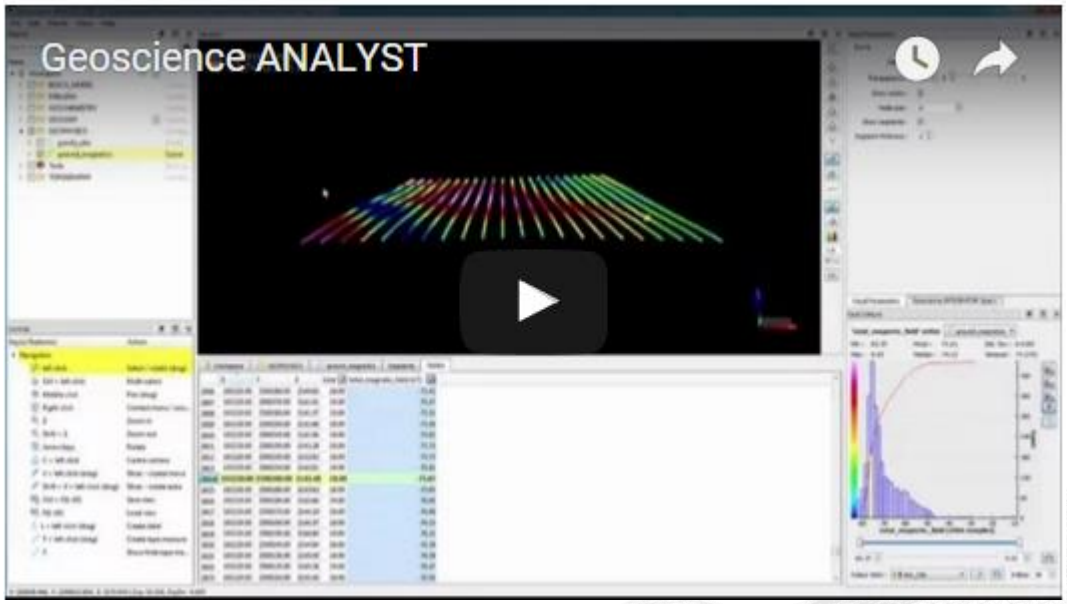
Taking snapshots of the 3D Viewport is done by clicking on the **Snapshot button** in the **Viewport Toolbar**. To increase the default resolution, enter new values in the **X/Y** resolution boxes and click on **New Snapshot** to update the preview. When satisfied with the result, press **Save Snapshot** to save in .png file format.





Quick introduction to Geoscience ANALYST

This video will show an overview of how the software can be used without going into advanced applications. It is not a step-by-step “how to”, but shows, what can be achieved in a fluid overview. It will demonstrate the types of data that can be used, while presenting all the panels and interactions that can be performed simultaneously.



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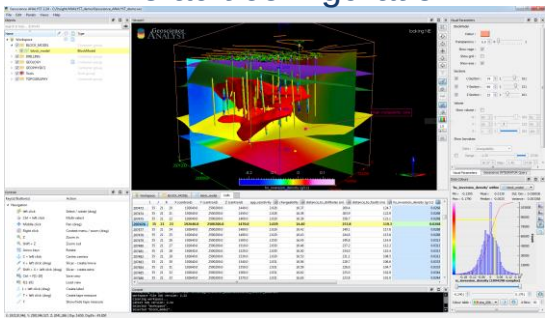
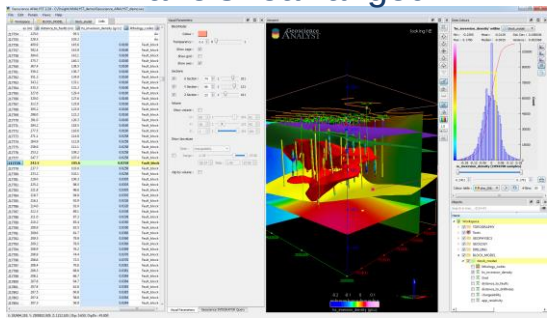
Personalizing your layout

The user interface is customizable to your preferred layout. Except for the Data Table, all other panels can be docked, hidden or relocated to another screen with a simple click and drag on a panel header. To detach, maximize or close a panel, click on the appropriate upper right icons.

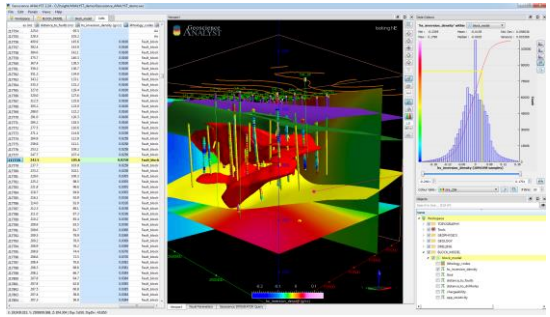
Default configuration



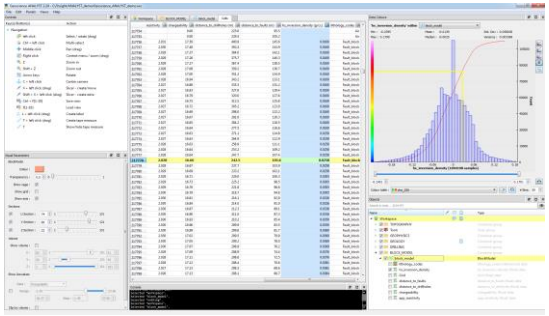
Panels rearranged

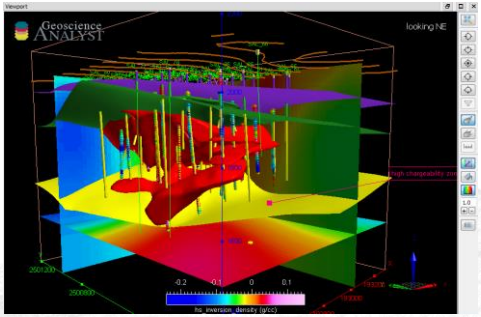


No Visual Parameters



Our personal favourite is using dual monitors to optimize the viewing area!





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